NAV1.950301.006

SAN FRANCISCO NAVAL SHIPYARD SAN FRANCISCO, 24. CALIFORNIA

?2-4/19-6(46451) (390)/\$2

AUG 27 1947



From: Commander, Neval Shippard, San Francisco

To: Chief of the Sureau of Medicine and Surgery (Code 74)

Subj: Weekly Radiological Safety Inspection Report

Ref: (a) Builed conf disp 291600 of July 1947.

Encls: (A) Radiological Safety Inspection Report of Week Ending 25 August 1947.

(B) Copy of Local Radiological Safety Instructions.

- 1. Enclosures (1) and (3) are forwarded in compliance with reference (a).
- 2. The Radiological Decontamination Center, 31dg. 507, is being modified to exercise better control over personnel passing through as indicated in enclosure (A). Plans for the required alterations have been completed and actual work is expected to commence in the immediate future.
- 3. Steps have been taken to produce a supply of authorized masks to substitute for the Bray and Mavy type masks currently in use. Meanwhile, a supply of fifty Willson type masks now on hand his being yet to immediate use.

PHILIP INVER

CC: BuShips (Code 569) (W/engl (A))

DECLASSIFIED

Address reply: Commander Code no. And reper to file

SAN FRANCISCO NAVAL SHIPYARD SAN FRANCISCO. 24. CALIFORNIA

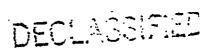
49-6/12-4 Code 30 + 31



23 August 1947

THE CALCALLOTON AND PERSONS AND PROPERTY OF A PROPERTY OF A PROPERTY AND ASSOCIATION OF A PROPERTY O

- l. Since this is the first of the weekly Radiological Safety reports it is deemed advisable to give a brief summary of existing Radiological Safety set-up here.
- 2. Radiological sufety personnel attached to the Radiation Laboratory prepare jointly with the Record Projects Superintendent (CRCSSELATS) of the Phipperd the radiological safety precautions to be followed and the radiological safety procedures to be effected. Each person who is ex seted to board the Recollings exchanget rescals is required to read and indicate by his ofiguature that he understands the current radiological safety precautions and procedures at the time that he takes is physical examination. These instructions are supplemented from the to time by lectures delivered by qualified radical personnel attached to the Radiation Laboratory.
- 3. The decontamination center and special decontamination laundry are under the cognizance of the Radiation Laboratory. Supervision of reciplogical safety procedures on the target wassels is under the cognizance of the Special Projects Superintendent with assistance and advice from the Radiation Laboratory. Regular inspections are conducted by the Radialogical Realth and Safety Officer and by the laboratory monitors to insure that there is no spread of contamination and that procedures in use are sound and adequate.
- 4. Experience has indicated that the decontamination center has several features of design which can be improved to take possible closer supervision of the operation of the center with less supervisors and to provide for better channeling of personnel to prevent deviation from the desired routes and sequence of procedures. The principal factors contributing to the difficulties experienced are the appropriate and distribution of the dressing room facilities and the plurality of pessible routes of passage through the senter.
- 5. In the basis of a careful study of the desontamination center familities and procedures, the following improvements in design are contemplated:



- (a) Provision of only one second for clean personnel and one access
 for contaminated personnel.
 - (b) Concentration of all alean dressing room facilities into one space.
 - (c) Modification of routes to provide for direct channeling of personnel in one direction only through the steps in the desired sequence.
 - (d) Complete segregation of clean and contaminated areas with no access from the to the other except over the regular personnel decontamination routes.

A complete description of the modified facilities with plans will be included in a separate report,

6. Careful policing aboard target ships is required to insure strict mask discipline. This is considered attributable to the normal aversion to wearing army or Tavy gas masks which is understandable in view of the disconfort in weathing and the restricted vision suffered this meaning these masks. This aversion will undoubtedly be removed when the Villson and Tall type masks currently authorized as substitutes in the immediate future. Lack discipline will then be such more easily enforceable.

Submitted:

C. 7. CARLSON Lieut. (MC) USS Rediological Realth and Safety Officer

R. S. CUMARD Lt. Comdr. (RC) USB Buded Projects Officer